

ECOLOMA FR VG 46 and 68

Ecoloma FR VG46 and VG 68 are superior synthetic fire resistant hydraulic fluids suitable for severe high temperature operation in hydraulic systems, circulation systems and air compressors and are formulated from a polyol ester base stock with a special non-hydrolizing anti wear additive.

Ecoloma Loma FR are environmentally responsible fluids that readily bio-degrade, are minimum deposit forming, have long service life, protect system components from wear and also separate readily from water.

Benefits and Applications

Ecoloma FR provides

- longer equipment component cleaning intervals due their high resistance to deposit formation and outstanding oxidation stability.
- Fire resistance and self extinguish properties in the presence of a naked flame
- excellent rust protection
- high film strength between moving parts
- natural high Viscosity Index of 190
- readily biodegradable with a low toxicity antiwear additive system that does not add to heavy metals that bio accumulate in the food chain

Applications include

Ecoloma FR are suitable for all types of machinery where loss of fluid would be undesirable to the surrounding environment including mining equipment, tunnel boring machines, forklifts in foundries, steel mills, die-casting plants, drilling rigs etc.

Equipment such as rotary screw compressors operating under severe conditions, hydraulic oils where the application calls HVI fluids, or where a non-zinc type oil to protect pumps with silver plated surfaces is specified, and in circulation systems in paper production where rapid release from water contamination is needed.

Ecoloma FR is suitable for TBM's such as Robbins, Terra Form, Herrenknecht, Komatsu, Mitsubishi, Wirth, Atlas Copco etc

Specifications		
ISO Grade:	46	68
Viscosity at 40 C, (cSt)	48	64
Viscosity at 100 C,(cSt)	9.3	12.2
Viscosity Index	190	192
Flash point C	314	316
Pour point C	-48	-48
Density	0.912	0.916
Copper corrosion 3h@100C	1a	1a

Health and Safety
Health, safety and environmental information is provided on the Material Safety Data Sheet for this product. Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal.